#3

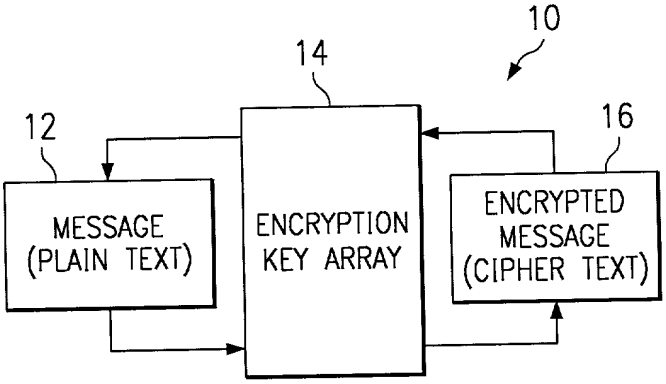

FIG. 1

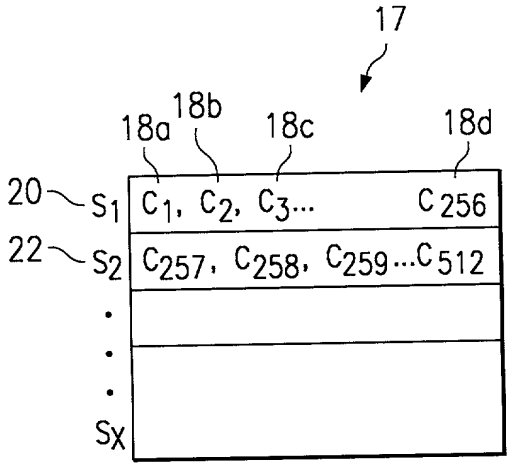

FIG. 2

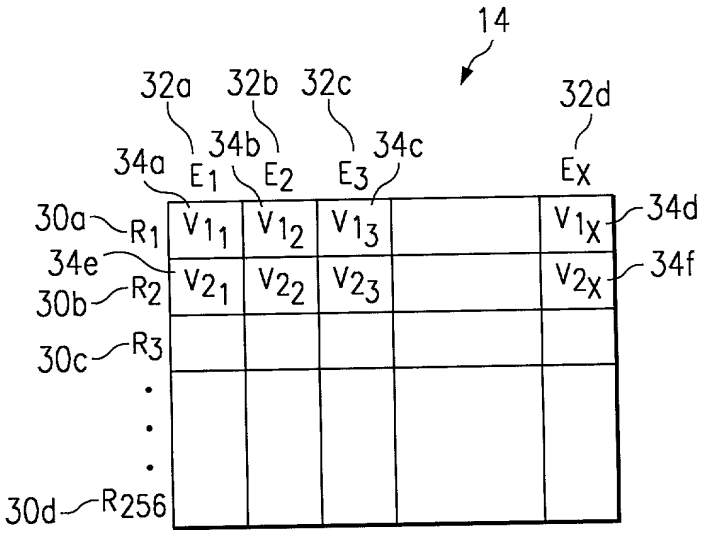

FIG. 3

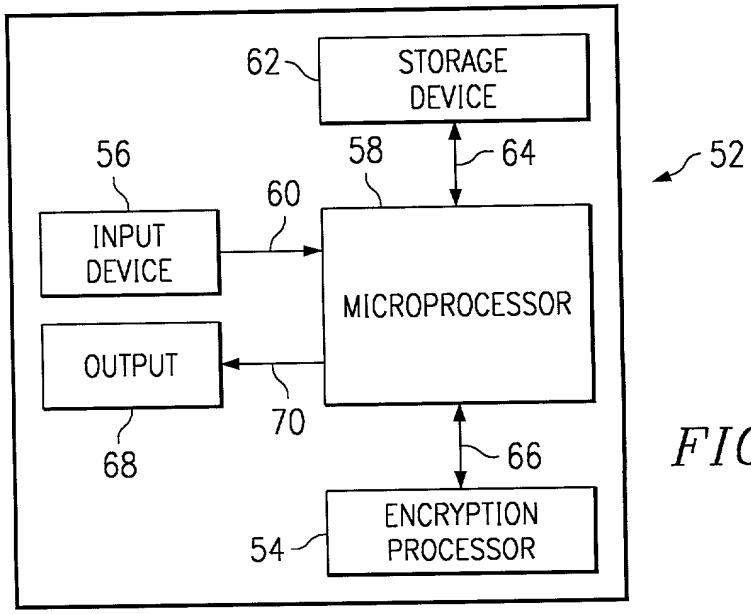

FIG. 4

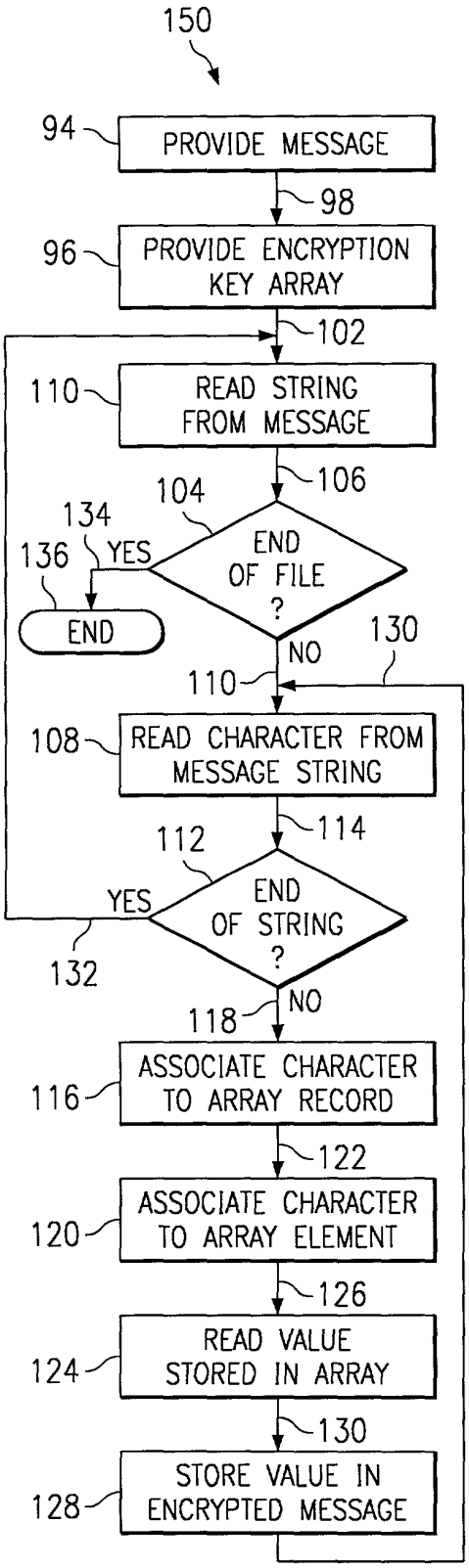
150
94
PROVIDE MESSAGE
98
96
PROVIDE ENCRYPTION KEY ARRAY
102
110
READ STRING FROM MESSAGE
106
104
134
136
YES
END OF FILE ?
END
NO
130
110
108
READ CHARACTER FROM MESSAGE STRING
114
112
YES
END OF STRING ?
132
NO
118
116
ASSOCIATE CHARACTER TO ARRAY RECORD
122
120
ASSOCIATE CHARACTER TO ARRAY ELEMENT
126
124
READ VALUE STORED IN ARRAY
130
128
STORE VALUE IN ENCRYPTED MESSAGE

FIG. 5

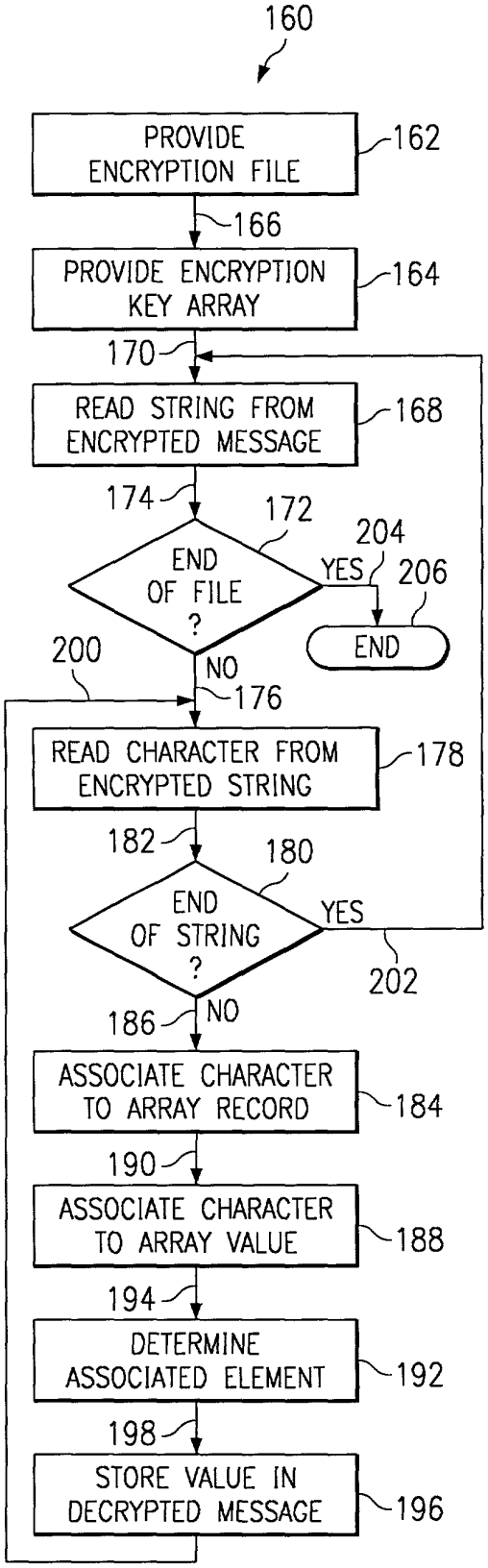
160
PROVIDE ENCRYPTION FILE
162
166
PROVIDE ENCRYPTION KEY ARRAY
164
170
READ STRING FROM ENCRYPTED MESSAGE
168
174
172
204
END OF FILE ?
YES
206
END
200
NO
176
READ CHARACTER FROM ENCRYPTED STRING
178
182
180
END OF STRING ?
YES
202
NO
186
ASSOCIATE CHARACTER TO ARRAY RECORD
184
190
ASSOCIATE CHARACTER TO ARRAY VALUE
188
194
DETERMINE ASSOCIATED ELEMENT
192
198
STORE VALUE IN DECRYPTED MESSAGE
196

FIG. 6

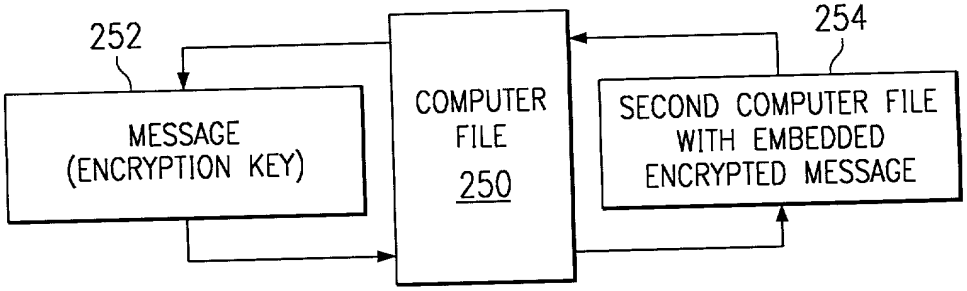

FIG. 7

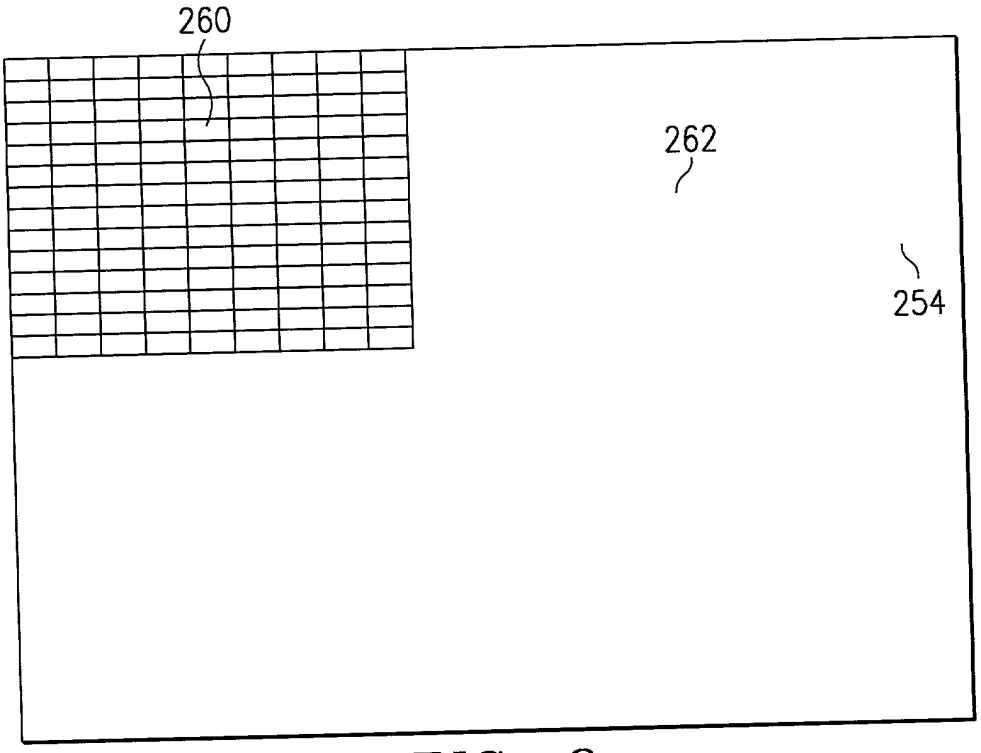

FIG. 8

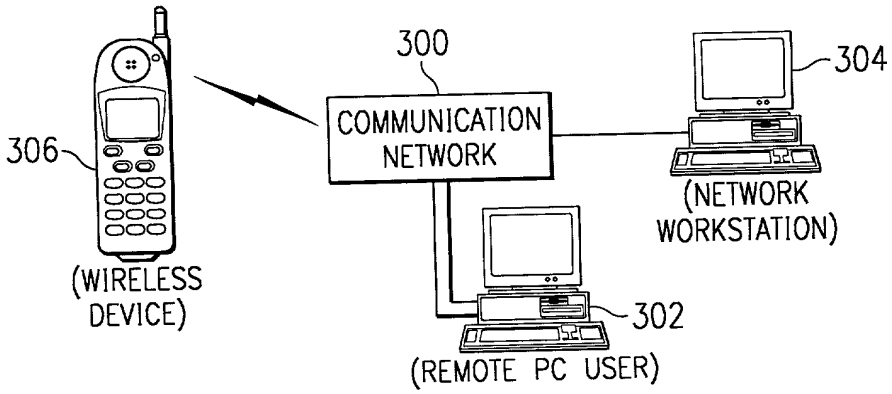

FIG. 9